

Figure 1

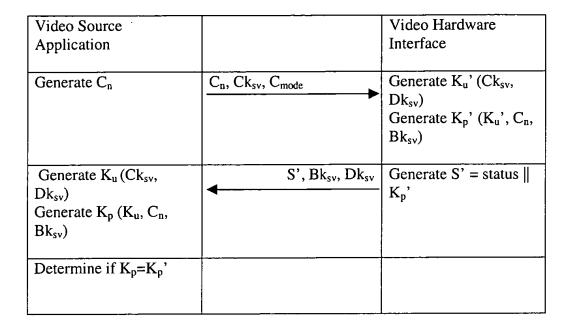


Figure 2a

Video Source Application		Video Hardware Interface
Generate C _n	C _n , Ck _{sv} , C _{mode}	Generate K _u ' (Ck _{sv} , Dk _{sv}) Generate K _e ' (K _u ', C _n)
Generate K_u (Ck_{sv} , Dk_{sv}) Generate K_e (K_u , C_n)	✓ M', Dk _{sv}	$M' = K_e' XOR M_0'$
$M_0' = K_e XOR M'$		

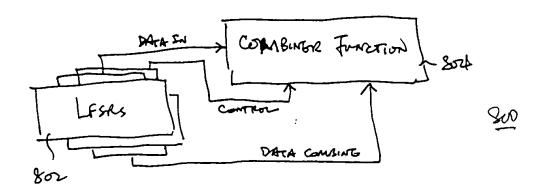
Figure 2b

Video Source Application	Video Hardware Interface
	$K_{u}' = \sum Dkeys \text{ over } Ck_{sv}$ $K_{1}' = OneWay-A (K_{u}', LSB40(C_{n}))$ $K_{2}' = OneWay-A (K_{1}', Bk_{sv})$ $K_{p}' = OneWay-A (K_{2}', status MSB24(C_{n}))$
$K_u = \sum Ckeys \text{ over } Dk_{sv}$ $K_1 = OneWay-A (K_u, LSB40(C_n))$ $K_2 = OneWay-A (K_1, Bk_{sv})$ $K_p = OneWay-A (K_2, status MSB24(C_n))$	

Figure 3a

Video Source	Video Hardware
Application	Interface
	K. F.Di.
	$K_{u}' = \sum Dkeys \text{ over } Ck_{sv}$
	$K_4' = \text{OneWay-B}(K_u', LSB40(C_n))$
	K_e ' = OneWay-B $(K_4$ ', MSB24 (C_n))
K - Z Chave over Dk	
$K_u = \sum Ckeys \text{ over } Dk_{sv}$	
$K_4 = \text{OneWay-B} (K_u, LSB40(C_n))$	
$K_e = OneWay-B (K_4, MSB24(C_n))$	

Figure 3b



Fra. Ja

2 1 X X

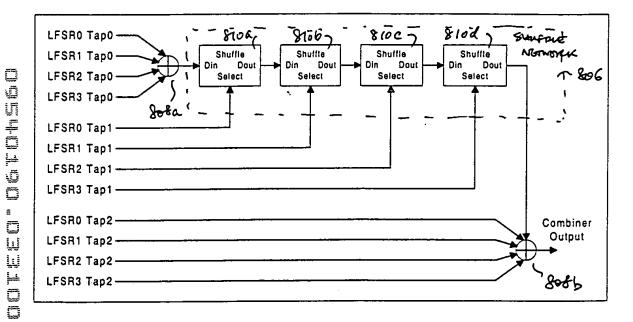
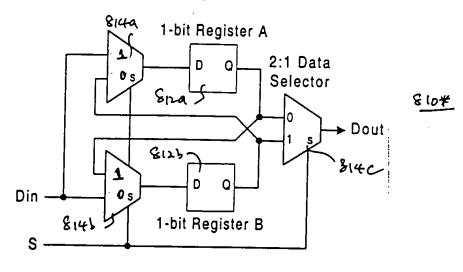


Fig. As



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